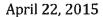
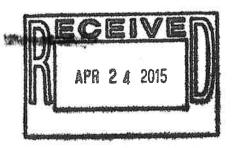
THE MERIDIAN GROUP

Land Use Consulting & Development Services



Randy King Superintendent Mount Rainier National Park 55210 -238th Avenue East Ashford, WA 98034



Re: Proposed Verizon Wireless Wireless Communication Facility @ Henry M. Jackson Visitor Center

Dear Mr. King:

In response to your February 20, 2015 letter requesting additional information associated with this application, I offer the following requested documents:

- 1. Print version of completed Standard Form 299.
- 2. A more detailed project description as outlined in National Park Service RM-53, pages A5-49 to A5-50.
 - a. Full description of the proposed facility
 - b. Schematic site plan and elevations
 - c. Construction details
 - d. Photo-simulation
 - e. RF propagation maps
 - f. RF propagation map showing all other Verizon Wireless wireless communication facilities with their current coverage area within a 15-mile radius of the Mount Rainier National Park Boundary.
 - g. Verizon Wireless has no other proposed sites within a 15-mile radius of Mount Rainier National Park boundary within the next 5-years other than the proposed facility at Sunrise and the site located in Ashford (which is schedule for construction in 2016).
 - h. Copy of Verizon Wireless FCC license for this market; please note that Verizon Wireless' license area are contiguous with Pierce County boundary as well as that of portions of Lewis County.

1501504 SF-799 WE 2

April 22, 2015 Randy King Page Two

Please contact me with any questions either via email (or by telephone(regarding any of the above referenced requested documentation.

Sincerely,

THE MIDIAN GROUP

STANDARD FORM 299 (05/2009) Prescribed by DOI/USDA/DOT P.L. 96-487 and Federal

APPLICATION FOR TRANSPORTATION AND **UTILITY SYSTEMS AND FACILITIES**

FORM APPROVED

OMB Control Number: 0596-0082 Expiration Date: 1/31/2017 ON FEDERAL LANDS Register Notice 5-22-95 FOR AGENCY USE ONLY Application Number NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency Date Filed representative, the application can be completed at the preapplication meeting. 3. Telephone (area code) 2. Name, title, and address of authorized agent if 1. Name and address of applicant (include zip code) different from item 1 (include zip code) /The Meridian Group Verizon Wireless, Attn: Lelah Vaga Applicant 1910 North 41st Street 425-603-8275 3350-161st Avenue SE,MS#231 Seattle, WA 98103 Bellevue.WA 98808 **Authorized Agent** 4. As applicant are you? (check one) 5. Specify what application is for: (check one) New authorization Individual × Renewing existing authorization No. Corporation* b. Partnership/Association* Amend existing authorization No. X C. Assign existing authorization No. State Government/State Agency d. Existing use for which no authorization has been received * Local Government Federal Agency f. * If checked, provide details under item 7 * If checked, complete supplemental page 6. If an individual, or partnership are you a citizen(s) of the United States? 🕱 Yes 🗌 No 7. Project description (describe in detail): (a) Type of system or facility, (e.g., canal, pipeline, road); (b) related structures and facilities; (c) physical specifications (Length, width, grading, etc.); (d) term of years needed: (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (Attach additional sheets, if additional (a) Verizon Wireless is proposing to construct and operate a wireless communication facility located at the Henry M. Jackson Visitor Center at Paradise within Mt. Rainier National Park. The wireless communication facility would consist of antennas mounted to the roof of the existing building and screened by stealth fiberglass shrouds. Coaxial cables would extend from the antennas to interior radio equipment cabinets located within the interior of the building (either in the attic or the basement of the building). Electrical power would be provided by the National Park Service's existing electrical system that serves Paradise and fiber would be provided by CenturyLink when they extend fiber from the current demarks located in Longmire to Paradise in 2016 via underground conduit. Verizon Wireless would seek the longest possible lease term with the National Park Service as possible. The proposed wireless communication facility would operate 24-hours a day/seven-days a week. The facility would take approximately 6-weeks to construct and would likely occur during the snow free months of the year. See attached additional response to this question 8. Attach a map covering area and show location of project proposal ☐ Applied for X Not Required 9. State or Local government approval: ☐ Attached Attached X Not required 10. Nonreturnable application fee: Yes X No (if "yes," indicate on map) 11. Does project cross international boundary or affect international waterways? 12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being Seattle SMSA Limited Partnership d/b/a Verizon Wireless has the technical and financial resources and capabilities to construct, operate, maintain, and terminate the proposed wireless communication facility as Verizon Wireless is the

largest wireless telecommunication provider in the United States with over 125 million subscribers in 2014.

13a. Describe other reasonable alternative routes and modes considered. There are no other reasonable alternatives available to Verizon Wireless to meet their desired coverage objectives at Paradise within the Mt. Rainier National Park. See attached additional response to this question.
b. Why were these atternatives not selected? N/A- see above.
c. Give explanation as t o why it is necessary to cross Federal Lands. The proposed location of the Verizon Wireless Paradise wireless communication facility is wholly located within the lands and jurisdiction of the Mt. Rainier National Park.
14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number,
Verizon Wireless currently operates other wireless communication facilities located within Federal Lands (ie, BLM, the United States Forest Service, the United States Coast Guard, military bases as well as on other National Parks throughout the United States
15. Provide statement of need for project, including the economic feasibility and items such as: (a) cost of proposal (construction, operation, and maintenance); (b) estimated cost of next best alternative; and (c) expected public benefits.
Verizon Wireless is seeking to provide wireless telecommunication services to the general public, park visitors and users as well as to the National Park Service staff and employees as well as to emergency service providers and law enforcement officials. See attached additional response to this question.
16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles. None, other than providing for Verizon Wireless wireless communications service to the general public, park visitors and users as well as to the National Park Service staf and employees as well as to emergency service providers and law enforcement officials.
17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability. The only likely environmental effects associated with the proposed Verizon Wireless wireless communication facility would be visual impacts associated with the rooftop antenna array. See attached additional response to this question.
18. Describe the probable effects that the proposed project will have on (a) populations of fish, plantlife, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals. None.
19. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq., and its regulations. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, 42 U.S.C. 6901 et seq., and its regulations. The term hazardous materials also includes any nuclear or byproduct material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERClA Section 101(14), 42 U.S.C. 9601(14), nor does the term include natural gas. Yes, the proposed Verizon Wireless battery plant includes Lead (CAS Number 7439-92-1) and Sulfuric Acid (CAS Number 7664-93-9).
20. Name all the Department(s)/Agency(les) where this application is being filed. The regional National Park Service Office located in Seattle, WA.

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that he information submitted is correct to the best of my knowledge.

Signature of Applicant

Date

4/22/20|5

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

GENERAL INFORMATION ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest lands Conservation Act, Conservation system units include the National Park System, National Wildie Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

- 1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
- Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
- Pipelines, slumy and emulsion systems, and conveyor belts for transportation of solid materials.
- 4. Systems for the transmission and distribution of electric energy.
- Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.
- Improved right-of-way for snow machines, air cushion vehicles, and allterrain vehicles.
- Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application must be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

Department of Agriculture
Regional Forester, Forest Service (USFS)
Federal Office Building,
P.O. Box 21628
Juneau, Alaska 99802-1628
Telephone: (907) 586-7847 (or a local Forest Service Office)

Department of the Interior Bureau of Indian Affairs (BIA) Juneau Area Office Federal Building Annex 9109 Mendenhall Mall Road, Suite 5 Juneau, Alaska 99802 Telephone: (907) 586-7177

Department of the Interior Bureau of Land Management 222 West 7th Avenue P.O. Box 13 Anchorage, Alaska 99513-7599 Telephone: (907) 271-5477 (or a local BLM Office)

U.S. Fish & Wildlife Service (FWS)
Office of the Regional Director
1011 East Tudor Road
Anchorage, Alaska 99503
Telephone: (907) 786-3440

National Park Service (NPA) Alaska Regional Office, 2225 Gambell St., Rm. 107 Anchorage, Alaska 99502-2892 Telephone: (907) 786-3440

Note - Filings with any Interior agency may be filed with any office noted above or with the Office of the Secretary of the Interior, Regional Environmental Office, P.O. Box 120, 1675 C Street, Anchorage, Alaska 9513.

Department of Transportation Federal Aviation Administration Alaska Region AAL-4, 222 West 7th Ave., Box 14 Anchorage, Alaska 99513-7587 Telephone: (907) 271-5285

NOTE - The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska

Individual department/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS (Items not listed are self-explanatory)

- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
- 8 Generally, the map must show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
- 9, 10, and 12 The responsible agency will provide additional instructions.
- 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision, include only reasonable alternate routes and modes as related to current technology and economics.
- 14 The responsible agency will provide instructions.
- 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
- 16 through 19 Providing this information is as much detail as possible will assist the Federal agency(les) in processing the application and reaching a decision. When completing these items, you should use a sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

EFFECT OF NOT PROVIDING INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, the application may be rejected.

DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands. The Federal agencies use this information to evaluate the applicant's proposal. The public is obligated to submit this form if they wish to obtain permission to use Federal lands.

SUPPLEMENTAL			
NOTE: The responsible agency(ies) will provide instructions	CHECK APPROPRIATE BLOCK		
I - PRIVATE CORPORATIONS	ATTACHED	FILED*	
a. Articles of Incorporation			
b. Corporation Bylaws			
c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State			
d Copy of resolution authorizing filing			
e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.			
 f. If application is for an oil or gas pipeline, describe any related right- of-way or temporary use permit applications, and identify previous applications. 			
g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.			
II - PUBLIC CORPORATIONS			
a. Copy of law forming corporation			
b. Proof of organization			
c. Copy of Bylaws			
d. Copy of resolution authorizing filing			
e. If application is for an oil or gas pipeline, provide information required by item "I - f" and "I - g" above.			
III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY			
a. Articles of association, if any		X	
b. If one partner is authorized to sign, resolution authorizing action is			
c. Name and address of each participant, partner, association, or other			
d. If application is for an oil or gas pipeline, provide information required by item "I - f" and "t - g" above.			

^{*}If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file Identification information (e.g., number, date, code, name). If not on file or current, attach the requested information.

NOTICES

Note: This applies to the Department of Agriculture/Forest Service (FS)

This information is needed by the Forest Service to evaluate the requests to use National Forest System lands and manage those lands to protect natural resources, administer the use, and ensure public health and safety. This information is required to obtain or retain a benefit. The authority for that requirement is provided by the Organic Act of 1897 and the Federal Land Policy and Management Act of 1976, which authorize the secretary of Agriculture to promulgate rules and regulations for authorizing and managing National Forest System lands. These statutes, along with the Term Permit Act, National Forest Ski Area Permit Act, Granger-Thye Act, Mineral Leasing Act, Alaska Term Permit Act, Act of September 3, 1954, Wilderness Act, National Forest Roads and Trails Act, Act of November 16, 1973, Archeological Resources Protection Act, and Alaska National Interest Lands Conservation Act, authorize the Secretary of Agriculture to issue authorizations or the use and occupancy of National Forest System lands. The Secretary of Agriculture's regulations at 36 CFR Part 251, Subpart B, establish procedures for issuing those authorizations.

BURDEN AND NONDISCRIMINATION STATEMENTS

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0082. The time required to complete this information collection is estimated to average 8 hours hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720- 2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

The Privacy Act of 1974 (5 U.S.C. 552a) and the Freedom of Information Act (5 U.S.C. 552) govern the confidentiality to be provided for information received by the Forest Service.

April 22, 2015

Verizon Wireless Proposed Wireless Communication Facility located at Henry M. Jackson Visitor Center building within Mount Rainier National Park:

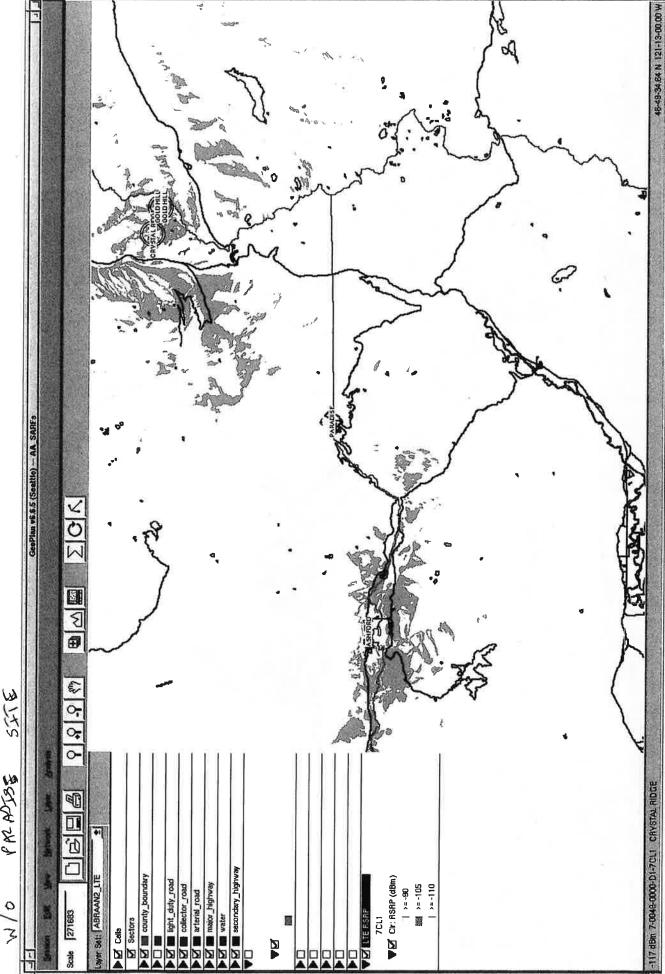
Additional written responses to Standard Form 299:

7. Project Description:

- a) Verizon Wireless is proposing to construct a wireless communication facility to be located on the roof and interior of the Henry M. Jackson Visitor Center building.
- b) The proposed Verizon Wireless wireless communication facility would consist of roof mounted antennas located within a shroud structure that would screen their appearance. The rooftop shroud is proposed to be sited in the center of the existing gable roof. In addition to the rooftop antenna frame, coaxial cables would extend from the antenna array to the interior of the building where Verizon Wireless' equipment cabinets would be located. The equipment cabinets would be located either within the basement of the building or within the mezzanine/attic areas of the building at the east or west gable ends of the building. The design intent for this facility is to mask the appearance of all of the antenna array, coaxial cables and to located the equipment cabinets in areas that are not visible and/or accessible to the public. The only utility requirements associated with the proposed Verizon Wireless Paradise facility is power and fiber. Power would be provided by the National Park Service's existing electrical service located within the Visitor Center Building. Verizon Wireless is seeking a dedicated 200-amp single phase 120/240 service for their installation. Verizon Wireless will hire an electrical engineer to conduct a load study at the Visitor Center's building to confirm that the existing service can accommodate Verizon Wireless' load requirement. Verizon Wireless is also seeking to access the proposed CenturyLink fiber service that is scheduled to be extended from Ashford to Paradise in 2016. Verizon Wireless would contract directly with CenturyLink for the fiber service required for this site.
- c) The proposed antenna array would consist of constructing a rooftop shroud that is located in the center of the existing gable roof; the dimensions of the Verizon Wireless shroud are 16' x 20' x 16-feet tall as measured from the height of the existing roof ridgeline. Verizon Wireless is proposing to install a total of six (6) panel antennas that are each 4-feet tall with two (2) panel antennas per sector. There will also be four (4) Remote Radio Heads (RRHs) per sector for a total of twelve (12) as well as one (1) Raycap surge protector device per sector for a total of three (3) and xxxx hybrid power cables. All of these appurtenances would be located behind the rooftop shroud and would not be visible. The number and size of the Verizon Wireless equipment cabinets will be determined by the amount of unencumbered interior building space that is available and structurally viable.
- d)Verizon Wireless would seek the longest possible lease term with the National Park Service as possible for this installation.

- e) The proposed Verizon Wireless wireless communication facility would operate 24-hours a day/seven-days a week through out the year.
- f) The only volume or amount of product to be transported to the site would be the construction equipment and Verizon Wireless supplied equipment; this would be a one time process and short in terms of duration.
- g) The proposed Verizon Wireless wireless communication facility would take approximately 6-weeks to construct and would likely occur during the snow free months of the year (late spring/summer/early fall months).
- h) Verizon Wireless would need a small area adjacent to the Visitor Center building for equipment mobilization and equipment storage during the construction process.
- 13a & b) There are no other reasonable or viable alternatives available for Verizon Wireless to meet their desired coverage objectives at Paradise within Mount Rainier National Park. Verizon Wireless's Radio Frequency Engineer evaluated the sewage treatment plant site and employee housing site(adjacent to the lower Paradise parking lot) sites both located to the SW of the proposed Visitor Center location. Due to lower elevation and associated trees and topography neither of these sites are viable locations as they do not provide for the same level of coverage as the proposed stealth location at the Visitor Center. The proposed location provides for the least visually obtrusive location and allows for Verizon Wireless to meet their desired coverage objectives at Paradise.
- 15. Verizon Wireless is seeking to provide wireless communication service to the general public, park visitors and users as well as to National Park Service staff and employees as well as to emergency service providers and law enforcement officials to the Paradise area, north towards the mountain and south and west along the Paradise access road. Refer to RF coverage map. These are all areas where Verizon Wireless currently does not provide any coverage.
- a). The cost to construct the proposed Verizon Wireless facility is approximately \$350,000 and the operational costs are limited to those associated with utilities (power and telephone/fiber costs) as well as maintenance costs.
- b) Since Verizon Wireless has not been able to identify any other viable next best alternative there is no way to generate a meaningful cost.
- c) The expected public benefits associated with the proposed Verizon Wireless Paradise wireless communication facility include providing for wireless communication service coverage to an area that currently does not have any service. This coverage will result in convenience and safety for park visitors and users as well as for additional communication service for Park Staff, emergency service providers and law enforcement officials.

- 17a). There will not be any environmental affects on air quality associated with the proposed Verizon Wireless Paradise facility.
- b) The only visual impact associated with the proposed Verizon Wireless Paradise facility will be those associated with the proposed rooftop antenna shroud to be mounted to the top of the Visitor Center's existing gable roofline. All of the antennas and other antenna appurtenances will be screened by the proposed rooftop antenna shroud. The rooftop shroud has been designed to be visually and architecturally compatible with the existing building's roof and exterior appearance.
- c)). There will not be any environmental affects on surface and ground quality & quantity associated with the proposed Verizon Wireless Paradise facility.
- d) There will not be any environmental affects on the control or structural change on any stream or other body of water associated with the proposed Verizon Wireless Paradise facility.
- e) The only environmental affects on existing noise levels associated with the proposed Verizon Wireless Paradise facility are the noise associated with the proposed equipment cabinets which will be sited in the interior of the building. The specific noise levels associated with the equipment cabinets is a function of the number of the proposed cabinets and where the cabinets will be located within the building interior. A noise report will be prepared to quantify the noise levels associated with the equipment cabinets when the specific location of the cabinets in the interior of the building has been determined.
- f) There will not be any environmental affects on the surface of the land, including vegetation, permafrost, soil and soil stability associated with the proposed Verizon Wireless Paradise facility.



3778 PRACISE